

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P4006.PC/PDW	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/GB2004/003321	International filing date (day/month/year) 02/08/2004	(Earliest) Priority Date (day/month/year) 06/08/2003
Applicant WILLETT INTERNATIONAL LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

METHOD AND DEVICE FOR REGULATING THE TEMPERATURE OF A PRINT HEAD

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 2

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B41J29/377

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B41J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 317 341 A (CANON KK) 24 May 1989 (1989-05-24)	1-3,5-11
Y	column 5, line 20 - column 6, line 54; figure 1C	4,12
X	PATENT ABSTRACTS OF JAPAN vol. 014, no. 247 (M-0978), 25 May 1990 (1990-05-25)	1
Y	-& JP 02 069280 A (MATSUSHITA ELECTRIC IND CO LTD), 8 March 1990 (1990-03-08) abstract; figure 3	4,12
X	US 6 254 214 B1 (MURTHY ASHOK ET AL) 3 July 2001 (2001-07-03) column 4, line 53 - column 5, line 6; figure 4	1-3,5-11
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

26 October 2004

Date of mailing of the international search report

21/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Brännström, S

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 819 545 A (CANON KK) 21 January 1998 (1998-01-21) page 7, line 39 - page 8, line 40; figure 4 -----	1-3,7-9
X	EP 0 736 390 A (CANON KK) 9 October 1996 (1996-10-09) column 9, line 42 - column 10, line 43; figure 4 -----	1-3,7-10

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0317341	A	24-05-1989	DE 3855602 D1	14-11-1996
			DE 3855602 T2	27-02-1997
			DE 3856345 D1	29-07-1999
			DE 3856345 T2	18-11-1999
			EP 0317341 A2	24-05-1989
			EP 0715960 A2	12-06-1996
			JP 2000521 A	05-01-1990
			JP 2698633 B2	19-01-1998
			US 4896172 A	23-01-1990
			US 5291215 A	01-03-1994
JP 02069280	A	08-03-1990	NONE	
US 6254214	B1	03-07-2001	AU 3860300 A	02-01-2001
			WO 0077475 A1	21-12-2000
EP 0819545	A	21-01-1998	DE 69722318 D1	03-07-2003
			DE 69722318 T2	12-02-2004
			EP 0819545 A2	21-01-1998
			JP 3382511 B2	04-03-2003
			JP 10086411 A	07-04-1998
			US 6174055 B1	16-01-2001
EP 0736390	A	09-10-1996	JP 3327726 B2	24-09-2002
			JP 8267732 A	15-10-1996
			JP 8276574 A	22-10-1996
			DE 69622617 D1	05-09-2002
			DE 69622617 T2	03-04-2003
			EP 0736390 A2	09-10-1996
			US 6074035 A	13-06-2000